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COMPLETE LISTING OF ALL CLAIMS, WITH MARKINGS AND STATUS IDENTIFIERS (Currently amended claims showing deletions by underlining)

(I)

wherein

A⁷ is L-His, Ura, Paa, Pta, Amp, Tma-His, des-amino-His, or deleted;

A⁸ is Ala, D-Ala, Aib, Acc, N-Me-Ala, N-Me-D-Ala or N-Me-Gly;

A⁹ is Glu, N-Me-Glu, N-Me-Asp or Asp;

 A^{10} is Gly, Acc, β -Ala or Aib;

A¹¹ is Thr or Ser;

 A^{12} is Phe, Acc, Aic, Aib, 3-Pal, 4- Pal, β -Nal, Cha, Trp or X^1 -Phe;

A¹³ is Thr or Ser;

A¹⁴ is Ser or Aib;

A¹⁵ is Asp or Glu;

A¹⁶ is Val, Acc, Aib, Leu, Ile, Tle, Nle, Abu, Ala or Cha;

A¹⁷ is Ser or Thr;

A¹⁸ is Ser or Thr;

 A^{19} is Tyr, Cha, Phe, 3-Pal, 4-Pal, Acc, β -Nal or X^1 -Phe;

A²⁰ is Leu, Acc, Aib, Nle, Ile, Cha, Tle, Val, Phe or X¹-Phe;

A²¹ is Glu or Asp;

 A^{22} is Gly, Acc, β -Ala, Glu or Aib;

A²³ is Gln, Asp, Asn or Glu;

A²⁴ is Ala, Aib, Val, Abu, Tle or Acc;

 A^{25} is Ala, Aib, Val, Abu, Tle, Acc, Lys, Arg, hArg, Orn, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O) or NH-CH((CH₂)_e-X³)-C(O);

 A^{26} is Lys, Arg, hArg, Orn, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O) or NH-CH((CH₂)_e-X³)-C(O); A^{27} is Glu Asp, Leu, Aib or Lys;

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A²⁸ is Phe, Pal, β- Nal, X¹-Phe, Aic, Acc, Aib, Cha or Trp;

A²⁹ is Ile, Acc, Aib, Leu, Nle, Cha, Tle, Val, Abu, Ala or Phe;

A³⁰ is Ala, Aib or Acc;

A³¹ is Trp, β-Nal, 3-Pal, 4-Pal, Phe, Acc, Aib or Cha;

A³² is Leu, Acc, Aib, Nle, Ile, Cha, Tle, Phe, X¹-Phe or Ala;

A³³ is Val, Acc, Aib, Leu, Ile, Tle, Nle, Cha, Ala, Phe, Abu, Lys or X¹-Phe;

 A^{34} is Lys, Arg, hArg, Orn, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O) or NH-CH((CH₂)_e-X³)-C(O);

A³⁵ is Gly, β-Ala, D-Ala, Gaba, Ava, NH-(CH₂)_m-C(O), Aib, Acc or a D-amino acid;

 A^{36} is L-or D-Arg, D-or L-Lys, D-or L-hArg, D-or L-Orn, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O), NH-CH((CH₂)_e-X³)-C(O) or deleted;

 A^{37} is Gly, β -Ala, Gaba, Ava, Aib, Acc, Ado, Arg, Asp, Aun, Aec, NH-(CH₂)_m-C(O), HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O), a D-amino acid, or deleted;

 A^{38} is D-or L-Lys, D-or L-Arg, D-or L-hArg, D-or L-Orn, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O), NH-CH((CH₂)_e-X³)-C(O), Ava, Ado, Aec or deleted;

 A^{39} is D-or L-Lys, D-or L-Arg, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O), Ava, Ado, or Aec;

 X^1 for each occurrence is independently selected from the group consisting of (C₁-C₆)alkyl, OH and halo;

 R^1 is OH, NH₂, (C₁-C₃₀) alkoxy, or NH-X²-CH₂-Z⁰, wherein X^2 is a (C₁-C₁₂) hydrocarbon moiety, and Z^0 is H, OH, CO₂H or CONH₂;

$$X^4$$
 N N $(CH_2)_f$ - CH_3

X³ is

or -C(O)-NHR¹², wherein X^4 is, independently for each occurrence, -C(O)-, -NH-C(O)- or -CH₂-, and wherein f is , independently for each occurrence, an integer from 1 to 29 inclusive; each of R^2 and R^3 is, independently for each occurrence, selected from the group consisting of H[[,]] (C₁-C₃₀)alkyl, (C₂-C₃₀)alkenyl, phenyl(C₁-C₃₀)alkyl, naphthyl(C₁-C₃₀)alkyl, hydroxy(C₁-

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 C_{30})alkyl, hydroxy(C_2 - C_{30})alkenyl, hydroxyphenyl(C_4 - C_{30})alkyl; or one of R^2 -and

 \uparrow + R³ is (CH₃)₂-N-C=N(CH₃)₂, (C₁-C₃₀)acyl, (C₁-C₃₀)alkylsulfonyl, C(O)X⁵,

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; wherein Y is H, OH or NH₂; r is 0 to 4; q is 0 to 4; and X⁵ is (C₁-C₃₀)alkyl, (C₂-C₃₀)alkenyl, phenyl(C₁-C₃₀)alkyl, naphthyl(C₁-C₃₀)alkyl, hydroxy(C₁-C₃₀)alkyl, hydroxy(C₂-C₃₀)alkenyl, hydroxyphenyl(C₁-C₃₀)alkyl or hydroxynaphthyl(C₁-C₃₀)alkyl; e is, independently for each occurrence, an integer from 1 to 4 inclusive; m is, independently for each occurrence, an integer from 5 to 24 inclusive;

n is, independently for each occurrence, an integer from 1 to 5, inclusive; each of R^{10} and R^{11} is, independently for each occurrence, H, (C_1-C_{30}) alkyl, (C_1-C_{30}) alkylsulfonyl, $-C((NH)(NH_2))$ or

 R^{12} and R^{13} each is, independently for each occurrence, (C₁-C₃₀)alkyl; provided that:

(i) when A⁷ is Ura, Paa or Pta, then R² and R³ are deleted;

(ii) when R^{10} is (C_1-C_{30}) acyl, (C_1-C_{30}) alkylsulfonyl, $-C((NH)(NH_2))$ or

-C(O)-CH₂-N-(CH₂)_f-CH₃, then
$$R^{11}$$
 is H or (C₁-C₃₀)alkyl;

(i) (iii) at least one amino acid of a compound of formula (I) is not the same as the native sequence of hGLP-1(7-36, -37 or -38)NH₂ or hGLP-1(7-36, -37 or -38)OH;

(ii) (iv) a compound of formula (I) is not an analogue of hGLP-1(7-36, -37 or -38)NH₂ or hGLP-1(7-36, -37 or -38)OH wherein a single position has been substituted by Ala;

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(iii) (v) a compound of formula (I) is not $(Arg^{26,34}, Lys^{38})hGLP-1(7-38)-E$, $(Lys^{26}(N_M-alkanoyl))hGLP-1(7-36, -37 \text{ or } -38)-E$, $(Lys^{34}(N_M-alkanoyl))hGLP-1(7-36, -37 \text{ or } -38)-E$, $(Lys^{26,34}-bis(N_M-alkanoyl))hGLP-1(7-36, -37 \text{ or } -38)-E$, $(Arg^{26}, Lys^{34}(N_M-alkanoyl))hGLP-1(8-36, -37 \text{ or } -38)-E$, $(Arg^{26,34}, Lys^{36}(N_M-alkanoyl))hGLP-1(7-36, -37 \text{ or } -38)-E$ or $(Arg^{26,34}, Lys^{38}(N_M-alkanoyl))hGLP-1(7-38)-E$, wherein E is -OH or -NH₂;

(iv) (vi) a compound of formula (I) is not Z^1 -hGLP-1(7-36, -37 or -38)-OH, Z^1 -hGLP-1(7-36, -37 or -38)-NH₂, wherein Z^1 is selected from the group consisting of:

- (a) (Arg^{26}) , (Arg^{34}) , $(Arg^{26,34})$, (Lys^{36}) , (Arg^{26}, Lys^{36}) , (Arg^{34}, Lys^{36}) , $(D-Lys^{36})$, (Arg^{36}) , $(D-Arg^{36})$, $(Arg^{26,34}, Lys^{36})$ or $(Arg^{26,36}, Lys^{34})$;
- (b) (Asp^{21}) ;
- (c) at least one of (Aib⁸), (D-Ala⁸) and (Asp⁹); and
- (d) (Tyr⁷), (N-acyl-His⁷), (N-alkyl-His⁷), (N-acyl-D-His⁷) or (N-alkyl-D-His⁷);
- (v) (vii) a compound of formula (I) is not a combination of any two of the substitutions listed in groups (vi)(a) to (vi)(d); and
- (vi) (viii) a compound of formula (I) is not (N-Me-Ala⁸)hGLP-1(8-36 or -37), (Glu¹⁵)hGLP-1(7-36 or -37), (Asp²¹)hGLP-1(7-36 or -37) or (Phe³¹)hGLP-1(7-36 or -37); or a pharmaceutically acceptable salt thereof.
- 2 (original): A compound according to claim 1, wherein A^{11} is Thr; A^{13} is Thr; A^{15} is Asp; A^{17} is Ser; A^{18} is Ser; A^{21} is Glu; A^{23} is Gln or Glu; A^{27} is Glu; A^{31} is Trp; or a pharmaceutically acceptable salt thereof.
- 3 (original): A compound according to claim 2, wherein A^9 is Glu, N-Me-Glu or N-Me-Asp; A^{12} is Phe, Acc or Aic; A^{16} is Val, Acc or Aib; A^{19} is Tyr; A^{20} is Leu, Acc or Cha; A^{24} is Ala, Aib or Acc; A^{25} is Ala, Aib, Acc, Lys, Arg, hArg, Orn, HN-CH((CH₂)_n-N(R¹⁰R¹¹))-C(O) or HN-CH((CH₂)_e-X³)-C(O); A^{28} is Phe; A^{29} is Ile or Acc; A^{30} is Ala or Aib; A^{32} is Leu, Acc or Cha; and A^{33} is Val or Acc; or a pharmaceutically acceptable salt thereof.
- 4 (original): A compound according to claim 3, wherein A⁸ is Ala, D-Ala, Aib, A6c, A5c, N-Me-Ala, N-Me-D-Ala or N-Me-Gly; A¹⁰ is Gly; A¹² is Phe, A6c or A5c; A¹⁶ is Val,

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A6c or A5c; A^{20} is Leu, A6c, A5c or Cha; A^{22} is Gly, ϑ -Ala or Aib; A^{24} is Ala or Aib; A^{29} is Ile, A6c or A5c; A^{32} is Leu, A6c, A5c or Cha; A^{33} is Val, A6c or A5c; A^{35} is Aib, β -Ala, Ado, A6c, A5c or Gly; and A^{37} is Gly, Aib, β -Ala, Ado, D-Ala or deleted; or a pharmaceutically acceptable salt thereof.

5 (original): A compound according to claim 4 or a pharmaceutically acceptable salt thereof, wherein X^4 for each occurrence is -C(O)-; e for each occurrence is independently 1 or 2; and R^1 is OH or NH₂.

6 (withdrawn)

7 (original): A compound according to claim 5 or a pharmaceutically acceptable salt thereof, wherein R^{10} is (C_1-C_{30}) acyl, (C_1-C_{30}) alkylsulfonyl or

-C(O)-CH₂—N—(CH₂)_f-CH₃, and
$$R^{11}$$
 is H

8 (original): A compound according to claim 7 or a pharmaceutically acceptable salt thereof, wherein R^{10} is (C_4-C_{20}) acyl, (C_4-C_{20}) alkylsulfonyl or

9 (currently amended):

A compound according to claim 1 wherein said

compound is:

((N¹-HEPES His)⁷, Aib^{8,35})hGLP 1(7-36)NH₂(SEQ ID NO:3),

((N¹-HEPA-His)⁷, Aib^{8,35})hGLP-1(7-36)NH₂(SEQ ID-NO:4),

(Aib⁸, β-Ala³⁵)hGLP-1(7-36)NH₂(SEQ ID NO:5),

(Aib^{8,35}, Arg^{26,34}, Lys³⁶(N_M-tetradecanoyl))hGLP-1(7-36)NH₂(SEQ ID NO:6),

(Aib^{8,35}, Arg²⁶, Lys³⁴(N_M-tetradecanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:7),

(Aib 8,35,37 , Arg 26,34 , Lys 38 (N_M-tetradecanoyl))hGLP-1(7-38)NH₂(SEQ ID NO:8),

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(Aib^{8,35}, Arg^{26,34}, Lys³⁶(N_M-decanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:9),
(Aib^{8,35}, Arg^{26,34}, Lys³⁶(N_M-dodecanesulfonyl))hGLP-1(7-36)NH₂ (SEQ ID NO:10),
(Aib^{8,35}, Arg^{26,34}, Lys³⁶(N_M-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:11),
(Aib^{8,35}, Arg^{26,34}, Asp³⁶(1-(4-tetradecyl-piperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:12),
(Aib^{8,35}, Arg^{26,34}, Asp³⁶(1-tetradecylamino))hGLP-1(7-36)NH₂ (SEQ ID NO:13),
(Aib^{8,35}, Arg^{26,34}, Lys³⁶(N_M-tetradecanoyl), 9-Ala³⁷)hGLP-1(7-37)-OH (SEQ ID NO:14) or
(Aib^{8,35}, Arg^{26,34}, Lys³⁶(N_M-tetradecanoyl))hGLP-1(7-36)-OH (SEQ ID NO:15), or a pharmaceutically acceptable salt thereof.

10 (original): A compound according to claim 9 wherein said compound is $(Aib^8, \beta-Ala^{35})hGLP-1(7-36)NH_2$ (SEQ ID NO:5), $(Aib^{8,35}, Arg^{26}, Lys^{34}(N_M-tetradecanoyl))hGLP-1(7-36)NH_2$ (SEQ ID NO:7), $(Aib^{8,35,37}, Arg^{26,34}, Lys^{38}(N_M-tetradecanoyl))hGLP-1(7-38)NH_2$ (SEQ ID NO:8), $(Aib^{8,35}, Arg^{26,34}, Lys^{36}(N_M-decanoyl))hGLP-1(7-36)NH_2$ (SEQ ID NO:9), or $(Aib^{8,35}, Arg^{26,34}, Lys^{36}(N_M-tetradecanoyl), \beta-Ala^{37})hGLP-1(7-37)-OH$ (SEQ ID NO:14), or a pharmaceutically acceptable salt thereof.

- 11 (original): A pharmaceutical composition comprising an effective amount of a compound according to claim 1 or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier or diluent.
- 12 (withdrawn): A method of eliciting an agonist effect from a GLP-1 receptor in a subject in need thereof which comprises administering to said subject an effective amount of a compound according to claim 1 or a pharmaceutically acceptable salt thereof.
- 13 (withdrawn): A method for treating a disease selected from the group consisting of Type I diabetes, Type II diabetes, obesity, glucagonomas, secretory disorders of the airway, metabolic disorder, arthritis, osteoporosis, central nervous system disease, restenosis and

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neurodegenerative disease, in a subject in need thereof which comprises administering to said subject an effective amount of a compound according to claim 1 or a pharmaceutically acceptable salt thereof.

14 (withdrawn): A method according to claim 13 wherein said disease is Type I diabetes or Type II diabetes.

15 (currently amended): A compound according to claim 1 wherein said compound is: (Aib³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:71); (β-Ala³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:72); ((N¹-Me-His)⁷-Aib^{8,35})hGLP-1(7-36)NH₂ (SEO ID NO:73): ((N¹-Me-His)⁷, Aib⁸, 9-Ala³⁵)hGLP-1(7-36)NH₂-(SEQ-ID-NO:74): ((N¹ Me His)⁷, Aib^{8,35}, Arg ^{26,34})hGLP 1(7-36)NH₂(SEQ ID NO:75); ((N¹ Me His)⁷, Aib⁸, Arg. ^{26,34}, B Ala³⁵)hGLP 1(7-36)NH₂ (SEO ID NO:76); (Aib⁸, A6c³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:77); (Aib⁸, A5c³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:78); (Aib⁸, D-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:79); (Aib^{8,35}, A6c³²)hGLP-1(7-36)NH₂ (SEO ID NO:16); (Aib^{8,35}, A5c³²)hGLP-1(7-36)NH₂ (SEQ ID NO:80); (Aib^{8,35}, Glu²³)hGLP-1(7-36)NH₂ (SEQ ID NO:17); (Aib 8,24,35)hGLP-1(7-36)NH₂ (SEQ ID NO:18); (Aib 8,30,35)hGLP-1(7-36)NH₂ (SEQ ID NO:81); (Aib 8,25,35)hGLP-1(7-36)NH₂ (SEQ ID NO:82); (Aib^{8,35}, A6c^{16,20})hGLP-1(7-36)NH₂ (SEQ ID NO:83); (Aib^{8,35}, A6c^{16,29,32})hGLP-1(7-36)NH₂ (SEQ ID NO:84); (Aib^{8,35}, A6c^{20,32})hGLP-1(7-36)NH₂ (SEQ ID NO:85); (Aib^{8,35}, A6c²⁰)hGLP-1(7-36)NH₂ (SEO ID NO:86); (Aib^{8,35}, Lys²⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:87);

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(Aib^{8,24,35}, A6c²⁰)hGLP-1(7-36)NH₂ (SEQ ID NO:88); (Aib^{8,35}, A6c^{29,32})hGLP-1(7-36)NH₂ (SEO ID NO:89); (Aib^{8,24,35}, A6c^{29,32})hGLP-1(7-36)NH₂ (SEQ ID NO:90); (Aib^{8,35}, A6c¹²)hGLP-1(7-36)NH₂ (SEQ ID NO:91); (Aib^{8,35}, Cha²⁰)hGLP-1(7-36)NH₂ (SEO ID NO:92); (Aib^{8,35}, A6c³³)hGLP-1(7-36)NH₂ (SEQ ID NO:93); (Aib^{8,35}, A6c^{20,32})hGLP-1(7-36)NH₂ (SEQ ID NO:85); (Aib⁸, A6c^{16,20}, β -Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:94); (Aib^{8,35}, β-Ala²²)hGLP-1(7-36)NH₂ (SEQ ID NO:95); (Aib^{8,22,35})hGLP-1(7-36)NH₂ (SEQ ID NO:96); (Aib^{8,35}, Glu²³, A6c³²)hGLP-1(7-36)NH₂ (SEO ID NO:19): (Aib^{8,24,35}, Glu²³, A6c³²)hGLP-1(7-36)NH₂ (SEO ID NO:97); (Aib^{8,24,25,35}, Glu²³, A6c³²)hGLP-1(7-36)NH₂ (SEQ ID NO:98); (Aib^{8,24,25,35}, A6c^{16,20,32}, Glu²³,)hGLP-1(7-36)NH₂ (SEQ ID NO:99); (Aib⁸, A6c³², β -Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:100); (Aib⁸, A5c³², β -Ala³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:101): (Aib⁸, Glu²³, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:20); (Aib^{8,24}, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:102); 53: (Aib^{8,30}, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:103); (Aib^{8,25}, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:104); (Aib⁸, A6c^{16,20}, β -Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:94); (Aib⁸, A6c^{16,29,32}, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:105); (Aib⁸, A6c^{20,32}, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:106); (Aib⁸, A6c²⁰, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:107); (Aib⁸, Lys²⁵, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:108): (Aib^{8,24}, A6c²⁰, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:109); (Aib⁸, A6c^{29,32}, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:110); (Aib^{8,24}, A6c^{29,32}, β -Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:111);

(Aib⁸, A6c¹², β-Ala³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:112):

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(Aib<sup>8</sup>, Cha<sup>20</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:113);
(Aib<sup>8</sup>, A6c<sup>33</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:114);
(Aib<sup>8</sup>, A6c<sup>20,32</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:106);
(Aib<sup>8</sup>, β-Ala<sup>22,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:115);
(Aib<sup>8,22</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:116);
(Aib^8, Glu^{23}, A6c^{32}, \beta-Ala^{35})hGLP-1(7-36)NH_2 (SEO ID NO:117);
(Aib<sup>8,24</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:118);
(Aib<sup>8,24</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sub>M</sub>-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:119);
(Aib<sup>8,24,25</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:120);
(Aib<sup>8,24,25</sup>, A6c<sup>16,20,32</sup>, Glu<sup>23</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:121);
(Aib<sup>8,35</sup>, D-Arg<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:122);
(Aib<sup>8,35</sup>, D-Lys<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:123);
(Aib^8, \beta-Ala^{35}, D-Arg^{36})hGLP-1(7-36)NH_2 (SEQ ID NO:124);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, D-Lys<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:125):
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>,)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:21);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:126);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:127);
(Aib<sup>8</sup>, Arg<sup>25,26,34</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:128);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)OH (SEQ ID NO:129);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-37)OH (SEQ ID NO:130);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-37)OH (SEQ ID NO:131);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl), D-Ala<sup>37</sup>)hGLP-1(7-37)OH (SEQ ID NO:132);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-38)OH (SEQ ID NO:133);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, β-Ala<sup>37</sup>, Lys<sup>38</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-38)OH (SEQ ID NO:134);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-38)OH (SEQ ID NO:135);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl), 9-Ala<sup>37</sup>)hGLP-1(7-37)OH (SEQ ID NO:136);
(Aib<sup>8,37</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-37)OH (SEQ ID NO:137);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Ado<sup>37</sup>)hGLP-1(7-37)OH (SEO ID NO:138);
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(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Ado<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEO ID NO:139);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl), D-Ala<sup>37</sup>)hGLP-1(7-37)OH (SEO ID NO 140);
(Aib<sup>8,37</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-38)OH (SEQ ID NO:141);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>37</sup>, Lys<sup>38</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-38)OH (SEO ID NO:142);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:143);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:144);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:145);
(Aib<sup>8</sup>, Lys<sup>26</sup>(N<sup>M</sup>-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:146);
(Aib<sup>8</sup>, Lys<sup>26</sup>(N<sup>M</sup>-tetradecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:147):
(Aib<sup>8</sup>, Lys<sup>26</sup>(N<sup>M</sup>-hexadecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:148);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-octanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:149);
(Aib^{8,35}, Lys^{26}(N^{M}-tetradecanoyl), Arg^{34})hGLP-1(7-36)NH_2 (SEQ ID NO:150);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-hexadecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:151);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-decanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:152);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Lys<sup>26</sup>(N<sup>M</sup>-octanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:153);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Lys<sup>26</sup>(N<sup>M</sup>-tetradecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:154);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Lys<sup>26</sup>(N<sup>M</sup>-hexadecanovl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:155):
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Lys<sup>26</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:156);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Lys<sup>26</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:157);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Lys<sup>26</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:158);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Lys<sup>26</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:159);
(Aib<sup>8</sup>, Lys<sup>26</sup>(N<sup>M</sup>-octanoyl), Arg<sup>34</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:160);
(Aib<sup>8</sup>, Lys<sup>26</sup>(N<sup>M</sup>-tetradecanoyl), Arg<sup>34</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:161);
(Aib<sup>8</sup>, Lys<sup>26</sup>(N<sup>M</sup>-hexadecanoyl), Arg<sup>34</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:162);
(Aib<sup>8</sup>, Lys<sup>26</sup>(N<sup>M</sup>-decanoyl), Arg<sup>34</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:163);
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(Aib^{8,35}, Lys³⁴(N^M-octanoyl))hGLP-1(7-36)NH₂ (SEO ID NO:164);

(Aib^{8,35}, Lys³⁴(N^M-tetradecanoyl))hGLP-1(7-36)NH₂ (SEO ID NO:165);

(Aib^{8,35}, Lys³⁴(N^M-hexadecanoyl))hGLP-1(7-36)NH₂ (SEO ID NO:166);

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(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:167);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:168);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:169);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:170);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:171);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:172);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:173);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:174);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub>(SEQ ID NO:175);
(Aib^{8,35}, Lys^{25}, Arg^{26}, Lys^{34}(N^{M}-hexadecanoyl))hGLP-1(7-36)NH_{2} (SEQ ID NO:176);
(Aib<sup>8,35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:177);
(Aib<sup>8,35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:178);
(Aib<sup>8,35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:179);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:180);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:181);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:182);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:183);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:184);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:185);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:186);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:187);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:188);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:189);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:190);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:191);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:192);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:193);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:194);
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(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:195);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:189);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:190);
(Aib<sup>8,35,37</sup>, Arg2<sup>5,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:191);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEO ID NO:192);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:196);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:197);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:198);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:199);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:200);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:201);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:202);
(Aib<sup>8</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:203);
(Aib<sup>8</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:204);
(Aib<sup>8</sup>, Lys<sup>34</sup>(N<sup>M</sup>-hexadecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:205);
(Aib<sup>8</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sub>M</sub>-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:206);
(Aib<sup>8</sup>, Glu<sup>23</sup>, Lys<sup>34</sup>(N<sub>M</sub>-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:207);
(Aib<sup>8</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sub>M</sub>-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:208);
(Aib<sup>8</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:209);
(Aib<sup>8</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:210);
(Aib<sup>8</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-hexadecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:211);
(Aib<sup>8</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-decanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:212);
(Aib<sup>8</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:213);
(Aib<sup>8</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:214);
(Aib<sup>8</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-hexadecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:215);
(Aib<sup>8</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-decanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:216);
(Aib<sup>8</sup>, Lvs<sup>25</sup>, Arg<sup>26</sup>, Lvs<sup>34</sup>(N<sup>M</sup>-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:217);
(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:218);
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(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-hexadecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:219);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:220);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:221);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:222);
(Aib<sup>8</sup>, Arg<sup>26</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:223);
(Aib<sup>8</sup>, Arg<sup>26</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:224);
(Aib<sup>8</sup>, Arg<sup>26</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:225);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:226);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:227);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:228);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:229);
(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:230);
(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:231);
(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:232);
(Aib<sup>8</sup>, Arg<sup>25,26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:233);
(Aib<sup>8</sup>, Arg<sup>25,26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:234);
(Aib<sup>8</sup>, Arg<sup>25,26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:235);
(Aib^8, Arg^{25,26,34}, \beta-Ala^{35}, Lys^{36}(N^M-decanoyl))hGLP-1(7-36)NH_2 (SEQ ID NO:236);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-octanoyl), A6c<sup>32</sup>, Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:237);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-tetradecanoyl), A6c<sup>32</sup>, Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:238);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-hexadecanoyl), A6c<sup>32</sup>, Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:239);
(Aib<sup>8,35</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:240);
(Aib<sup>8,35</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:241);
(Aib<sup>8,35</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:242);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:243);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:244);
(Aib<sup>8,35</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:245);
(Aib<sup>8,35</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:246);
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(Aib<sup>8,35</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:247);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:248);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:249);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:250);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:251);
(Aib^{8,35}, Arg^{26,34}, A6c^{32}, Lys^{36}(N^{M}-decanoyl))hGLP-1(7-36)NH_{2} (SEQ ID NO:252);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:253);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:254);
(Aib<sup>8,24,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-octanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:255);
(Aib<sup>8,24,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-tetradecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:256);
(Aib<sup>8,24,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-hexadecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:257);
(Aib<sup>8,24,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:258);
(Aib<sup>8,24,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:259);
(Aib<sup>8,24,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:260);
(Aib<sup>8,24,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:261);
(Aib<sup>8,24,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:262);
(Aib<sup>8,24,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:263);
(Aib<sup>8,24,35</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sub>M</sub>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:264);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>26</sup>(N<sup>M</sup>-octanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:265);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>26</sup>(N<sup>M</sup>-tetradecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:266);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>26</sup>(N<sup>M</sup>-hexadecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:267);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>34</sup>(N<sub>M</sub>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:268);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sub>M</sub>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:269);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:270);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:271);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:272);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:273);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:274);
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(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:275);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanovl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:276);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:277);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:278);
(Aib<sup>8,30,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-octanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:279);
(Aib<sup>8,30,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-tetradecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:280);
(Aib<sup>8,30,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>-hexadecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:281);
(Aib<sup>8,30,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:282);
(Aib<sup>8,30,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:283);
(Aib<sup>8,30,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:284);
(Aib<sup>8,30,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:285);
(Aib<sup>8,30,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:286);
(Aib<sup>8,30,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:287);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:288);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:289);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:290);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:291);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:292);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:293);
(Aib<sup>8,24,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:294);
(Aib<sup>8,24,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:295);
(Aib<sup>8,24,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:296);
(Aib<sup>8,24,30,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:297);
(Aib<sup>8,24,30,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:298);
(Aib<sup>8,24,30,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lvs<sup>36</sup>(N<sup>M</sup>-hexadecanovl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID
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((N¹-HEPES His)²- Aib³⁵\hGLP-1(7 36\)NH2 (SEO ID NO:300): (N⁴ HEPES His)⁷. B-Ala³⁵\hGLP-1(7-36\NH₂ (SEO ID NO:301): ((N¹-HEPES His)⁷- Aib⁸- B Ala³⁵)hGLP 1(7-36)NH2 (SEO ID NO:302): (N¹-HEPA-His)⁷- Aib³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:303): ((N¹-HEPA-His)⁷-B-Ala³⁵)hGLP-1(7-36)NH₂ (SEO-ID-NO:304): ((N¹-HEPA His)⁷-Aib⁸-B-Ala³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:305): ((N⁴-tetradecanovl-His)⁷, Aib³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:306); ((N^t-tetradecanovl-His)⁷, B-Ala³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:307): ((N^t tetradecanovl His)⁷, Aib^{8,35})hGLP-1(7-36)NH₂ (SEO ID NO:308); ((N¹ tetradecanovl His)⁷. Aib⁸. B. Ala³⁵)hGLP 1(7.36)NH₂ (SEO ID NO:309): ((N¹-tetradecanovl-His)⁷, Arg^{26,34}, Aib³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:310); ((N¹ tetradecanoyl His)⁷, Arg^{26,34}, β Ala³⁵)hGLP 1(7-36)NH₂ (SEO ID NO:311); ((N¹-tetradecanovl-His)⁷-Aib^{8,35}-Arg^{26,34})hGLP-1(7-36)NH₂ (SEO ID NO:312); ((N¹-tetradecanoyl-His)⁷, Aib⁸, Arg^{26,34}, β Ala³⁵)hGLP 1(7-36)NH₂ (SEO ID NO:313); ((N¹-tetradecanoyl-His)⁷, Arg^{25,26,34}, β-Ala³⁵)hGLP 1(7-36)NH₂ (SEO ID-NO:314); ((N¹ tetradecanoyl His)⁷, Aib^{8,35}, Arg^{25,26,34})hGLP 1(7 36)NH₂ (SEQ ID NO:315); ((N¹-tetradecanoyl-His)⁷, Aib⁸, Arg^{25,26,34}, B Ala³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:316); (Aib^{8,35}, Lys²⁶(N^M-octanesulfonyl), Arg³⁴)hGLP-1(7-36)NH₂ (SEO ID NO:317); (Aib^{8,35}, Lys²⁶(N^M-dodecanesulfonyl), Arg³⁴)hGLP-1(7-36)NH₂ (SEO ID NO:318); (Aib^{8,35}, Lys²⁶(N^M-hexadecanesulfonyl), Arg³⁴)hGLP-1(7-36)NH₂ (SEQ ID NO:319); (Aib^{8,35}, Arg²⁶, Lys³⁴(N^M-octanesulfonyl))hGLP-1(7-36)NH₂ (SEQ ID NO:320); (Aib^{8,35}, Arg²⁶, Lys³⁴(N^M-dodecanesulfonyl))hGLP-1(7-36)NH₂ (SEQ ID NO:321); (Aib^{8,35}, Arg²⁶, Lys³⁴(N^M-hexadecanesulfonyl))hGLP-1(7-36)NH₂ (SEQ ID NO:322); (Aib^{8,35}, Arg^{26,34}, Lys³⁶(N^M-octanesulfonyl))hGLP-1(7-36)NH₂ (SEQ ID NO:323); (Aib^{8,35}, Arg^{26,34}, Lys³⁶(N^M-hexadecanesulfonyl))hGLP-1(7-36)NH₂ (SEQ ID NO:324); (Aib^{8,35}, Asp²⁶(1-(4-decylpiperazine)), Arg³⁴)hGLP-1(7-36)NH₂ (SEQ ID NO:325); (Aib^{8,35}, Asp²⁶(1-(4-dodecylpiperazine)), Arg³⁴)hGLP-1(7-36)NH₂ (SEQ ID NO:326); (Aib^{8,35}, Asp²⁶(1-(4-tetradecylpiperazine)), Arg³⁴)hGLP-1(7-36)NH₂ (SEQ ID NO:327);

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(Aib<sup>8,35</sup>, Asp<sup>26</sup>(1-(4-hexadecylpiperazine)), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:328);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Asp<sup>34</sup>(1-(4-decylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:329);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Asp<sup>34</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:330);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Asp<sup>34</sup>(1-(4-tetradecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:331);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Asp<sup>34</sup>(1-(4-hexadecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:332);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>36</sup>(1-(4-decylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:333);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>36</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:334);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>36</sup>(1-(4-hexadecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:335);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>38</sup>(1-(4-decylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:336);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>38</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:337);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>38</sup>(1-(4-tetradecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:338);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>38</sup>(1-(4-hexadecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:339);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Asp<sup>38</sup>(1-(4-decylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:340);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Asp<sup>38</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:341);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Asp<sup>38</sup>(1-(4-tetradecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:342);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Asp<sup>38</sup>(1-(4-hexadecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:343);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Asp<sup>26</sup>(1-(4-decylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:344);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Asp<sup>26</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:345);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Asp<sup>26</sup>(1-(4-tetradecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:346);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Asp<sup>26</sup>(1-(4-hexadecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:347);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Asp<sup>34</sup>(1-(4-decylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:348);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Asp<sup>34</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:349);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Asp<sup>34</sup>(1-(4-tetradecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:350);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Asp<sup>34</sup>(1-(4-hexadecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:351);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Asp<sup>36</sup>(1-(4-decylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:352);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Asp<sup>36</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:353);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Asp<sup>36</sup>(1-(4-tetradecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:354);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Asp<sup>36</sup>(1-(4-hexadecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:355);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-decylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:356);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:357);
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(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-tetradecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:358);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-hexadecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:359);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-decylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:360);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:361);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-tetradecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:362);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-hexadecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:363);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Glu<sup>36</sup>(1-dodecylamino))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:364);
(Aib<sup>8,35</sup>, Glu<sup>26</sup>(1-dodecylamino), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:365);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Glu<sup>34</sup>(1-dodecylamino))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:366);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Glu<sup>38</sup>(1-dodecylamino))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:367);
(Aib<sup>8,35</sup>, Arg<sup>34</sup>, Lys<sup>26</sup>(N<sup>M</sup>-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEO ID
NO:368);
(Aib<sup>8,35</sup>, Arg<sup>34</sup>, Lys<sup>26</sup>(N<sup>M</sup>-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:369);
(Aib<sup>8,35</sup>, Arg<sup>34</sup>, Lys<sup>26</sup>(N<sup>M</sup>-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:370;
(Aib<sup>8,35</sup>, Arg<sup>34</sup>, Lys<sup>26</sup>(N<sup>M</sup>-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:371);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEO ID
NO:372);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:373);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:374);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:375);
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 $(Aib^{8,35}, Arg^{26,34}, Lys^{36}(N^M - (2 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (2 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl))) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)) hGLP - 1(7 - 36)NH_2 \ (SEQ\ ID) + (3 - (4 - decyl - 1 - piperazine) - acetyl)) hGLP - 1(7 - 4 - decyl$

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(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:377);
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(Aib^{8,35}, Arg^{26,34}, Lys³⁶(N^M-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:378);

(Aib^{8,35}, Arg^{26,34}, Lys³⁸(N^M-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:379);

(Aib^{8,35}, Arg^{26,34}, Lys³⁸(N^M-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:380);

(Aib^{8,35}, Arg^{26,34}, Lys³⁸(N^M-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:381);

(Aib^{8,35}, Arg^{26,34}, Lys³⁸(N^M-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:382);

(Aib^{8,35,37}, Arg^{26,34}, Lys³⁸(N^M-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:383);

(Aib^{8,35,37}, Arg^{26,34}, Lys³⁸(N^M-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:384);

(Aib^{8,35,37}, Arg^{26,34}, Lys³⁸(N^M-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:385);

(Aib^{8,35,37}, Arg^{26,34}, Lys³⁸(N^M-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:386);

(Aib^{8,35}, Arg^{25,34}, Lys²⁶(N^M-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:387);

(Aib^{8,35}, Arg^{25,34}, Lys²⁶(N^M-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:388);

(Aib^{8,35}, Arg^{25,34}, Lys²⁶(N^M-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:389);

(Aib^{8,35}, Arg^{25,34}, Lys²⁶(N^M-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:390);

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(Aib^{8,35}, Arg^{25,26}, Lys³⁴(N^M-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:391);

(Aib^{8,35}, Arg^{25,26}, Lys³⁴(N^M-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:392);

(Aib^{8,35}, Arg^{25,26}, Lys³⁴(N^M-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:393);

(Aib^{8,35}, Arg^{25,26}, Lys³⁴(N^M-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:394);

(Aib^{8,35}, Arg^{25,26,34}, Lys³⁶(N^M-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:395);

(Aib^{8,35}, Arg^{25,26,34}, Lys³⁶(N^M-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:396);

(Aib^{8,35}, Arg^{25,26,34}, Lys³⁶(N^M-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:397);

(Aib^{8,35}, Arg^{25,26,34}, Lys³⁶(N^M-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:398);

(Aib^{8,35}, Arg^{25,26,34}, Lys³⁸(N^M-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:399);

(Aib^{8,35}, Arg^{25,26,34}, Lys³⁸(N^M-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:400);

(Aib^{8,35}, Arg^{25,26,34}, Lys³⁸(N^M-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:401);

(Aib^{8,35}, Arg^{25,26,34}, Lys³⁸(N^M-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:402);

(Aib^{8,35,37}, Arg^{25,26,34}, Lys³⁸(N^M-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:403);

(Aib^{8,35,37}, Arg^{25,26,34}, Lys³⁸(N^M-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:404);

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(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH<sub>2</sub> (SEQ
ID NO:405);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH<sub>2</sub> (SEO
ID NO:406);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-36)OH (SEO ID NO:407);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-36)OH (SEQ ID NO:408);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Ava<sup>37</sup>, Ado<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:409);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>37</sup>, Ava<sup>38</sup>, Ado<sup>39</sup>)hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:27);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Aun<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEQ ID NO:28);
(Aib<sup>8,17,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:29);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, D-Asp<sup>37</sup>, Ava<sup>38</sup>, Aun<sup>39</sup>)hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:30);
(Gly^8, \beta-Ala^{35})hGLP-1(7-36)NH_2 (SEQ ID NO:31);
(Ser<sup>8</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:32);
(Aib<sup>8</sup>, Glu<sup>22,23</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:33):
(Gly<sup>8</sup>, Aib<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:34);
(Aib<sup>8</sup>, Lys<sup>18</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO35);
(Aib<sup>8</sup>, Leu<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:36);
(Aib<sup>8</sup>, Lvs<sup>33</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:37);
(Aib<sup>8</sup>, Lys<sup>18</sup>, Leu<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:38);
(Aib<sup>8</sup>, D-Arg<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:39);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, D-Arg<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEQ ID NO:40);
(Aib<sup>8,27</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:41);
(Aib<sup>8,27</sup>, \beta-Ala<sup>35,37</sup>, Arg<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:42);
(Aib<sup>8,27</sup>, \beta-Ala<sup>35,37</sup>, Arg<sup>38,39</sup>)hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:43);
(Aib<sup>8</sup>, Lys<sup>18,27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:44);
(Aib<sup>8</sup>, Lys<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:45);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, Arg<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:46);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:47);
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Inventor Dong Serial No. 10/629,261 Filed 07/28/2003 Page (Aib⁸, D-Arg³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:48); (Aib⁸, β -Ala³⁵, Arg³⁷)hGLP-1(7-37)NH₂ (SEQ ID NO:49); (Aib⁸, Phe³¹, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:50); (Aib^{8,35}, Phe³¹)hGLP-1(7-36)NH₂ (SEO ID NO:51): (Aib^{8,35}, Nal³¹)hGLP-1(7-36)NH₂ (SEQ ID NO:52); (Aib^{8,35}, Nal^{28,31})hGLP-1(7-36)NH₂ (SEQ ID NO:53); (Aib^{8,35}, Arg^{26,34}, Nal³¹)hGLP-1(7-36)NH₂ (SEO ID NO:54); (Aib^{8,35}, Arg^{26,34}, Phe³¹)hGLP 1(7-36)NH₂ (SEO ID NO:55); (Aib^{8,35}, Nal^{19,31})hGLP-1(7-36)NH₂ (SEQ ID NO:56); (Aib^{8,35}, Nal^{12,31})hGLP-1(7-36)NH₂ (SEQ ID NO:57); (Aib^{8,35}, Lys³⁶(N^M-decanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:58); (Aib^{8,35}, Arg³⁴, Lys²⁶(N^M-decanoyl))hGLP-1(7-36)NH₂ (SEO ID NO:59); (Aib^{8,35}, Arg^{26,34}, Lys³⁶(N^M-dodecanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:60); (Aib⁸, β-Ala³⁵, Ser³⁷(O-decanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:61); (Aib^{8,27}, β-Ala^{35,37}, Arg³⁸, Lys³⁹(N^M-octanoyl))hGLP-1(7-39)NH₂ (SEO ID NO:62); (Aib⁸, Arg^{26,34}, β -Ala³⁵, Lys³⁷(N^M-octanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:63); (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lys³⁷(N^M-decanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:64); (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lys³⁷(N^M-tetradecanoyl))hGLP-1(7-37)NH₂ (SEO ID NO:65); (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lys³⁷(N^M-dodecanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:410); or (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lys³⁷(N^M-dodecanoyl))hGLP-1(8-37)NH₂ (SEO ID NO:411); or a pharmaceutically acceptable salt thereof. 16 (currently amended): A compound according to claim 15 wherein said compound is:

16 (currently amended): A compound according to claim 15 wherein said compound is:

(Aib^{8,35}, A6c³²)hGLP-1(7-36)NH₂ (SEQ ID NO:16);

(Aib^{8,35}, Glu²³)hGLP-1(7-36)NH₂ (SEQ ID NO:17);

(Aib^{8,24,35})hGLP-1(7-36)NH₂ (SEQ ID NO:18);

(Aib^{8,35}, Glu²³, A6c³²)hGLP-1(7-36)NH₂ (SEQ ID NO:19);

(Aib⁸, Glu²³, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:20);

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(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:21);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:22);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-36)OH (SEQ ID NO:23);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>Lys<sup>36</sup>(N<sup>M</sup>-decanoyl))hGLP-1(7-36)OH (SEQ ID NO:24);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>-Aec-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:25);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Ava<sup>37</sup>, Ado<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEO ID NO:26);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>37</sup>, Ava<sup>38</sup>, Ado<sup>39</sup>)hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:27);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Aun<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEQ ID NO:28);
(Aib<sup>8,17,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:29);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, D-Asp<sup>37</sup>, Ava<sup>38</sup>, Aun<sup>39</sup>)hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:30);
(Gly^8, \beta-Ala^{35})hGLP-1(7-36)NH_2 (SEQ ID NO:31);
(Ser<sup>8</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:32);
(Aib<sup>8</sup>, Glu<sup>22,23</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:33);
(Glv<sup>8</sup>, Aib<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:34);
(Aib<sup>8</sup>, Lys<sup>18</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO: 35);
(Aib<sup>8</sup>, Leu<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:36);
(Aib<sup>8</sup>, Lys<sup>33</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:37);
(Aib<sup>8</sup>, Lys<sup>18</sup>, Leu<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:38);
(Aib<sup>8</sup>, D-Arg<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:39);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, D-Arg<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEO ID NO:40);
(Aib<sup>8,27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:41);
(Aib<sup>8,27</sup>, \beta-Ala<sup>35,37</sup>, Arg<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:42);
(Aib<sup>8,27</sup>, β-Ala<sup>35,37</sup>, Arg<sup>38,39</sup>)hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:43);
(Aib<sup>8</sup>, Lys<sup>18,27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:44);
(Aib<sup>8</sup>, Lvs<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:45);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, Arg<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEO ID NO:46):
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:47);
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(Aib⁸, D-Arg³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:48);

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(Aib⁸, β-Ala³⁵, Arg³⁷)hGLP-1(7-37)NH₂ (SEO ID NO:49); (Aib⁸, Phe³¹, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEO ID NO:50); (Aib^{8,35}, Phe³¹)hGLP-1(7-36)NH₂ (SEO ID NO:51): (Aib^{8,35}, Nal³¹)hGLP-1(7-36)NH₂ (SEO ID NO:52): (Aib^{8,35}, Nal^{28,31})hGLP-1(7-36)NH₂ (SEQ ID NO:53); (Aib^{8,35}, Arg^{26,34}, Nal³¹)hGLP-1(7-36)NH₂ (SEO ID NO:54); (Aib^{8,35}, Arg^{26,34}, Phe³¹)hGLP-1(7-36)NH₂ (SEO-ID-NO:55); (Aib^{8,35}, Nal^{19,31})hGLP-1(7-36)NH₂ (SEO ID NO:56): (Aib^{8,35}, Nal^{12,31})hGLP-1(7-36)NH₂ (SEQ ID NO:57); (Aib^{8,35}, Lys³⁶(N^M-decanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:58); (Aib^{8,35}, Arg³⁴, Lys²⁶(N^M-decanoyl))hGLP-1(7-36)NH₂ (SEO ID NO:59); (Aib^{8,35}, Arg^{26,34}, Lys³⁶(N^M-dodecanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:60); (Aib⁸, β-Ala³⁵, Ser³⁷(O-decanoyl))hGLP-1(7-37)-NH₂ (SEQ ID NO:61); (Aib^{8,27}, β -Ala^{35,37}, Arg³⁸, Lys³⁹(N^M-octanoyl))hGLP-1(7-39)NH₂ (SEQ ID NO:62); (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lys³⁷(N^M-octanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:63); (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lys³⁷(N^M-decanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:64); or (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lys³⁷(N^M-tetradecanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:65);

17-18 (canceled)

or a pharmaceutically acceptable salt thereof.

19 (new): A compound wherein said compound is: (Aib^{8,35}, Arg^{26,34}, Phe³¹)hGLP-1(7-36)NH₂ (SEQ ID NO:55); or a pharmaceutically acceptable salt thereof.